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STL's, GL's, PO, DO, Procurement

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Weekly update on DTL #1+ #3

Narrative description:

During the first week after the November semi annual DOE review a plan was developed that addresses the action item from the review for the Accelerator Systems Division: **"Provide an effective DTL recovery plan. The SNS Project director and ORNL and LANL Directors should be involved in executing the plan"**; due Jan 1st 2003.

In response we have developed a schedule to deliver a reviewed plan that will have:

1. a bottoms up schedule that supports the commissioning dates
2. a technical solution for all DT's that have to be rebuilt or repaired
3. a firm schedule on how we go from "last part delivered" to "ready for rf in the tunnel"
4. a detailed, easy to understand, graph or spreadsheet that allows tracking of parts or status of completion

Two independent review teams will evaluate this plan. Pierre Grand and his external review team during the week of Dec 2nd (technical and schedule) and Ed Knapp and his team as part of the SNS/LANL division review during the week of Dec 9th (cost, management, technical). The finalized plan, that incorporates the recommendations on technical, schedule, managerial and cost issues, will be sent to DOE and the LAB directors Dec 31st. The following table describes the timeline in more detail.

Subject	Due Date	Author	Comments
Write up and develop a draft plan with the goal to be consistent with the IPS Commissioning dates and has a bottoms up schedule that shows t is doable (or shows what is doable)	Dec 2 nd '02	edited by Jim Stovall	Draft plan needs as much information as we can get until then. Also should have draft parts list ready.
Review draft plan by external review committee; focus on technical and schedule.	Dec 6 th '02	Chair: Pierre Grand	Should include suggestion and recommendations that need to be implemented before plan gets sent off to DOE
SNS/LANL division review (DRC); focus on technical and managerial	Dec 13 th '02	Chair: Ed Knapp	Should include suggestion and recommendations that need to be implemented before plan gets sent off to DOE
Finalize draft final plan,	Dec		Final plan submitted to ASD

complete tuned schedule, ORNL schedule for tank assembly, tuning and installation ready and incorporated. Cost and risk analysis should be included.	29 th '02	edited by Jim Stovall; additions by Gary Johnson on ORNL schedule for assembly, tuning, tunnel installation and set up.	Division office and Project office.
Plan submitted to HQ, Lab directors and DCC	Dec 31 st '02	Thom Mason Norbert Holtkamp	

In the same manner we are proposing a weekly update to the Lab directors with a one paragraph narrative description of progress and a table attached that allows easy tracking of major milestones, some of them integrated into the IPS. The focus will be on Tank #1 and #3:

Milestone description	Due Date	Number total	Number or % complete	Delta last week
DTL 3 DT's repair	Feb 28 th '03	31	0	0
DTL 3 DT's rebuilt	Feb 28 th '03	2	0	0
DTL 3 DT's new built	Feb 28 th '03	0		0
DTL 3 other parts	Feb 28 th '03	100 %		0
All DTL 3 parts shipped	Feb 28 th '03	100 %	? / IPS marker DTLINK51	0
DTL 3 installation	April 16 st '03	100 %	? /IPS marker DTL045	0
DTL 1 DT's repair	April 1 st '03	15	15	0
DTL 1 DT's rebuilt	April 1 st '03	44	0	
DTL 1 DT's new built	April 1 st '03	0	0	
DTL 1 other parts	April 1 st '03	100 %	??	?
All DTL 1 parts shipped	April 1 st '03	100 %	? / IPS marker DTL055	?
DTL 1 installation	May 21 th '03	100 %	? / IPS marker DTLINK31	?

While proposing the format of the weekly update and setting up the timeline for the report submitted to HQ, technical progress has been made. Repair procedure for Tank 1 DT's are in place and have been qualified. Final test for the Tank 3 DT repair procedure have been qualified this week. The invitations for the external technical review chaired by P. Grand are out. Jim Stovall has returned to LANL to start writing the report with input from the technical groups. Rudy Damm was at LANL this week. He supported the preparations for the external review and will lead the brazing effort for DT production.

I final schedule consistent with the IPS has not been developed yet. The so far existing schedule, as presented in the DOE review, is inconsistent with the IPS commissioning dates of tank 1. An update is expected soon. The goal is to work on several fronts in parallel.